

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 10:56:48 ON 01 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 1 Apr 2003 VOL 138 ISS 14

FILE LAST UPDATED: 31 Mar 2003 (20030331/ED)

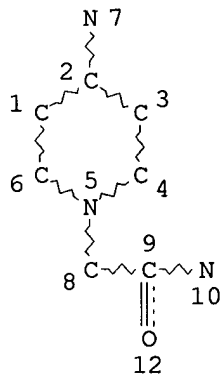
This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

=>

=> d stat que

L7 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

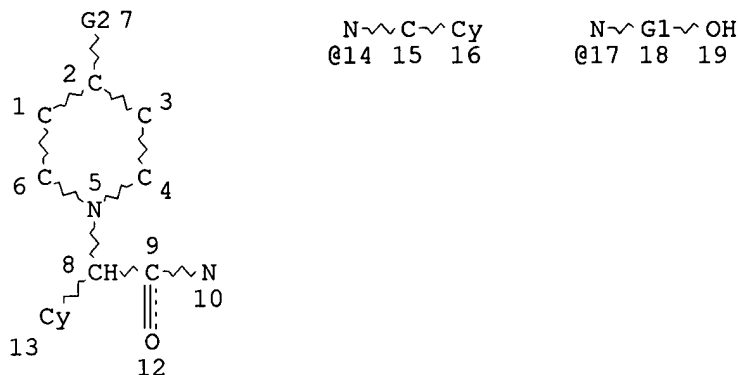
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L9 458 SEA FILE=REGISTRY SSS FUL L7

L12 STR



REP G1=(3-3) C
 VAR G2=14/17
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L13 18 SEA FILE=REGISTRY SUB=L9 SSS FUL L12
 L14 5 SEA FILE=HCAPLUS ABB=ON PLU=ON L13

=>
 =>

=> d ibib abs hitstr l14 1-5

L14 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:869585 HCAPLUS

DOCUMENT NUMBER: 137:346202

TITLE: Pharmaceutical compositions based on anticholinergics and NK1-receptor antagonists for the treatment of respiratory tract diseases

INVENTOR(S): Pairet, Michel; Pieper, Michael P.; Meade, Christopher J. M.

PATENT ASSIGNEE(S): Germany

SOURCE: U.S. Pat. Appl. Publ., 18 pp., Cont.-in-part of U. S. Provisional Ser. NO. 281,653.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002169181	A1	20021114	US 2002-92116	20020306
DE 10111058	A1	20020912	DE 2001-10111058	20010308
PRIORITY APPLN. INFO.:			DE 2001-10111058 A	20010308

US 2001-281653P P 20010405

OTHER SOURCE(S): MARPAT 137:346202

AB The invention discloses pharmaceutical compns. based on anticholinergics and NK1-receptor antagonists, processes for prep. them, and their use in the treatment of respiratory tract diseases. Prepn. of selected compds. is included.

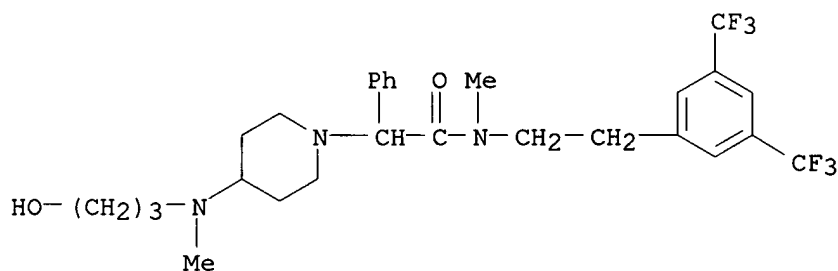
IT 415916-92-6P 415917-00-9P 415917-07-6P
457910-79-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(anticholinergics and NK1-receptor antagonists for treatment of respiratory tract diseases)

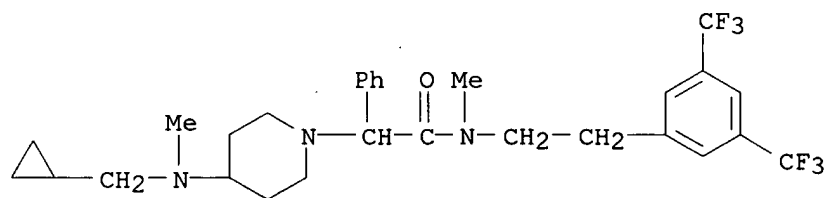
RN 415916-92-6 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)



RN 415917-00-9 HCAPLUS

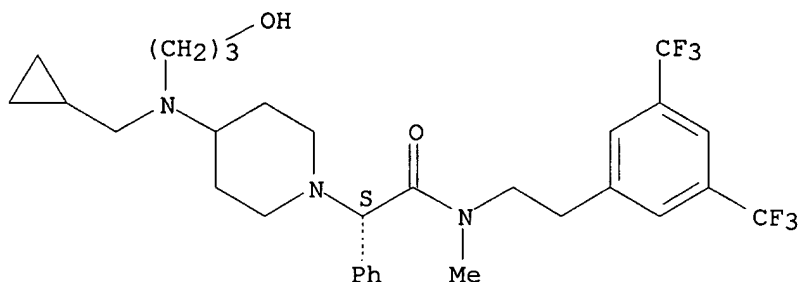
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)



RN 415917-07-6 HCAPLUS

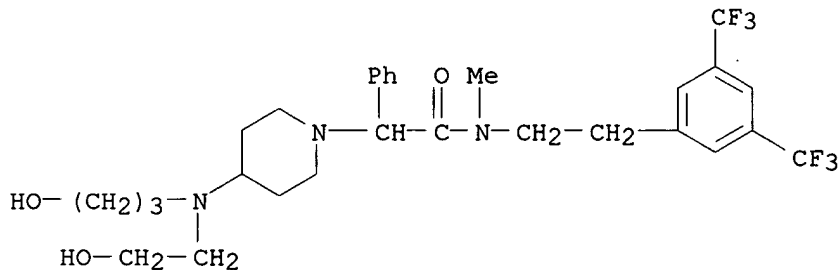
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 457910-79-1 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)

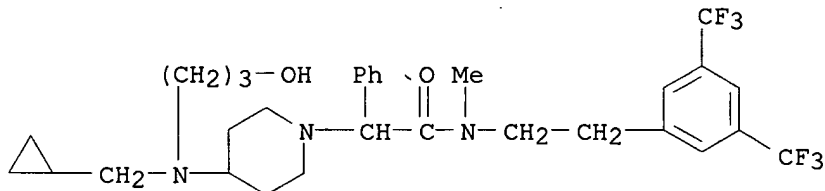


IT 457910-81-5

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(anticholinergics and NK1-receptor antagonists for treatment of respiratory tract diseases)

RN 457910-81-5 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)



L14 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:695760 HCAPLUS

DOCUMENT NUMBER: 137:237717

TITLE: Inhalant compositions containing anticholinergics and NK1 receptor antagonists

INVENTOR(S): Meade, Christopher John Montague; Pairet, Michel;

PATENT ASSIGNEE(S): Pieper, Michael Paul
 SOURCE: Boehringer Ingelheim Pharma K.-G., Germany
 PCT Int. Appl., 42 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002069944	A2	20020912	WO 2002-EP1987	20020226
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10111058	A1	20020912	DE 2001-10111058	20010308
PRIORITY APPLN. INFO.:			DE 2001-10111058 A 20010308	
OTHER SOURCE(S):			MARPAT 137:237717	

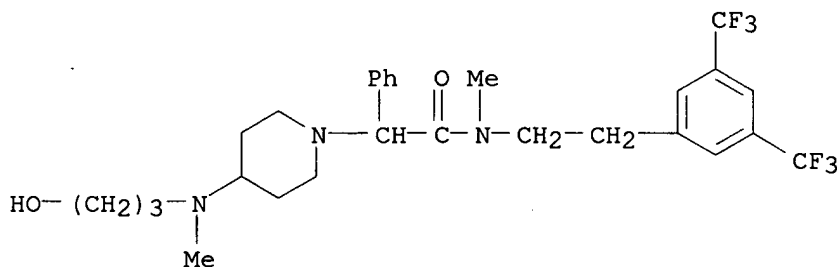
AB The invention relates to drug compns. based on anticholinergics and on NK1 receptor antagonists, to methods for their prodn., and to their use as inhalants for the treatment of respiratory tract diseases. Synthesis of NK1 receptor antagonists from the group of bis-trifluoromethyl-phenyl-piperidine derivs. are described. The products are used in suspension aerosols. Thus a compn. contained (wt./wt.%): tiotropium bromide 0.015; NK1 receptor antagonist 0.066; soy lecithin 0.2; TG11: TG12 = 2:3 to 100.

IT **415916-92-6P 415917-00-9P, BIIM 1310**
415917-07-6P 457910-79-1P 457910-98-4P
457911-01-2P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (inhalant compns. contg. anticholinergics and NK1 receptor antagonists)

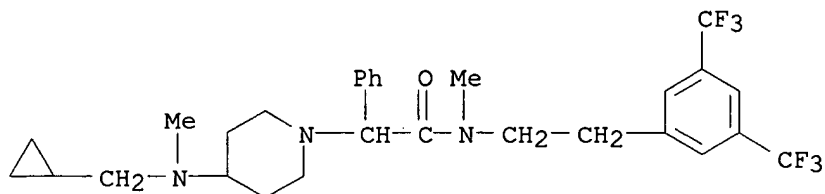
RN 415916-92-6 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)



RN 415917-00-9 HCAPLUS

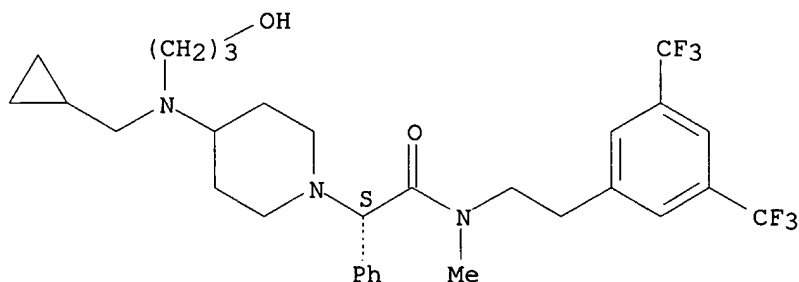
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)



RN 415917-07-6 HCAPLUS

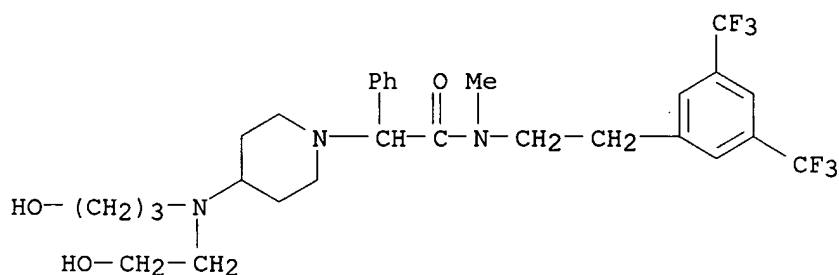
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 457910-79-1 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (9CI) (CA INDEX NAME)



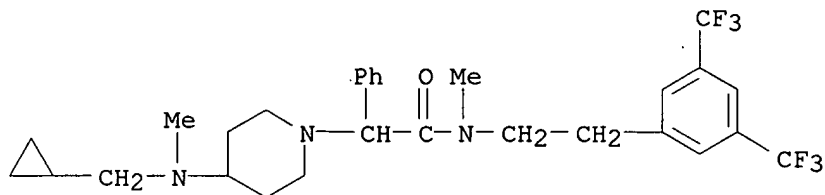
RN 457910-98-4 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl-, (2E)-2-butenedioate (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 415917-00-9

CMF C29 H35 F6 N3 O

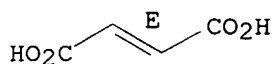


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.



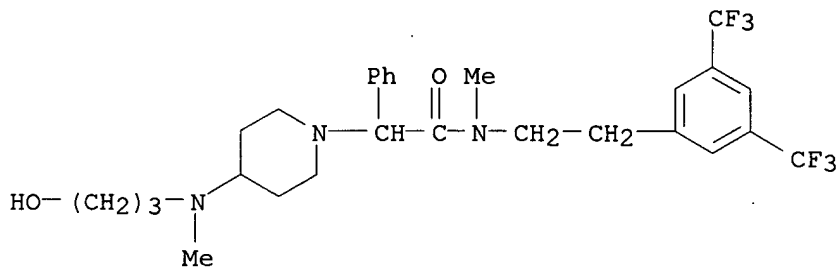
RN 457911-01-2 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, (2E)-2-butenedioate (2:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 415916-92-6

CMF C28 H35 F6 N3 O2

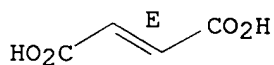


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.

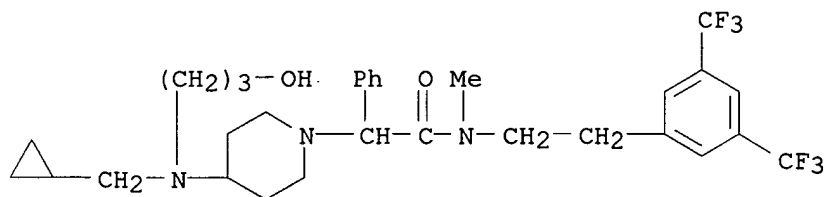


IT 457910-81-5

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(inhalant compns. contg. anticholinergics and NK1 receptor antagonists)

RN 457910-81-5 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-
[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl- (9CI)
(CA INDEX NAME)

L14 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:314907 HCAPLUS

DOCUMENT NUMBER: 136:340590

TITLE: 4-Aminopiperidinylacetamides as neurokinin antagonists

INVENTOR(S): Dollinger, Horst; Esser, Franz; Jung, Birgit; Schromm, Kurt; Speck, Georg

PATENT ASSIGNEE(S): Boehringer Ingelheim Pharma K.-G., Germany

SOURCE: PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

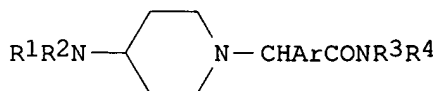
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002032865	A1	20020425	WO 2001-EP11906	20011016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10051320	A1	20020425	DE 2000-10051320	20001017
AU 2002023617	A5	20020429	AU 2002-23617	20011016
US 2002147219	A1	20021010	US 2001-981025	20011016
PRIORITY APPLN. INFO.:			DE 2000-10051320 A	20001017
			US 2000-250541P P	20001201
			WO 2001-EP11906 W	20011016

OTHER SOURCE(S): MARPAT 136:340590

GI



I

AB Title compds. I [R1 = (CH2)3OH, CH2CH(OH)CH2OH, cycloalkylmethyl; R2 = H, alkyl, hydroxyalkyl, CH2CH(OH)CH2OH, cycloalkylmethyl; R3 = (un)substituted Ph; R4 = H, alkyl, cycloalkyl, CH2CO2H, CH2CONH2. OH, phenylalkyl; Ar = (un)substituted Ph] were prepd. Thus, 1-benzyl-4-piperidinone was treated with H2N(CH2)3OH, N-methylated, debenzylated, and treated with 3,5-(F3C)2C6H3CH2CH2NMeCOCHPhO3SMe to give I [R1 = (CH2)3OH, R2 = R3 = Me, R4 = 3,5-(F3C)2C6H3CH2CH2]. At 0.2 .mu.Mol/kg iv in guinea pigs this compd. was effective in lowering blood pressure for > 360 min.

IT 415916-93-7P 415917-01-0P 415917-04-3P

415917-07-6P 415917-08-7P 415917-09-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 4-aminopiperidinylacetamides as neurokinin antagonists)

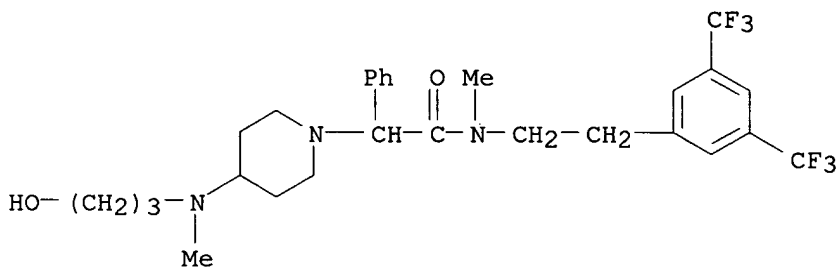
RN 415916-93-7 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, compd. with (2E)-2-butene (2:3) (9CI) (CA INDEX NAME)

CM 1

CRN 415916-92-6

CMF C28 H35 F6 N3 O2

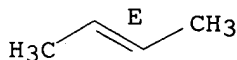


CM 2

CRN 624-64-6

CMF C4 H8

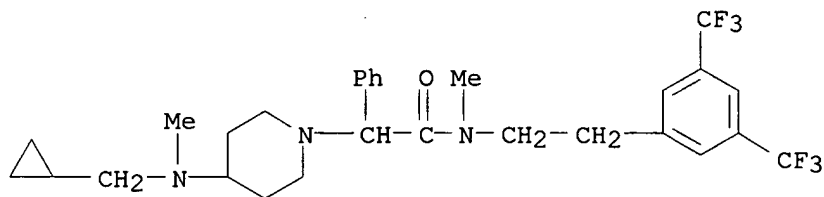
Double bond geometry as shown.



RN 415917-01-0 HCAPLUS
 CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl-, compd. with (2E)-2-butene (2:3) (9CI) (CA INDEX NAME)

CM 1

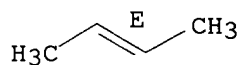
CRN 415917-00-9
 CMF C29 H35 F6 N3 O



CM 2

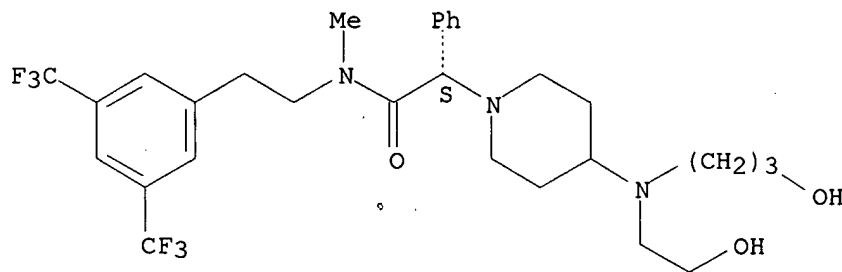
CRN 624-64-6
 CMF C4 H8

Double bond geometry as shown.



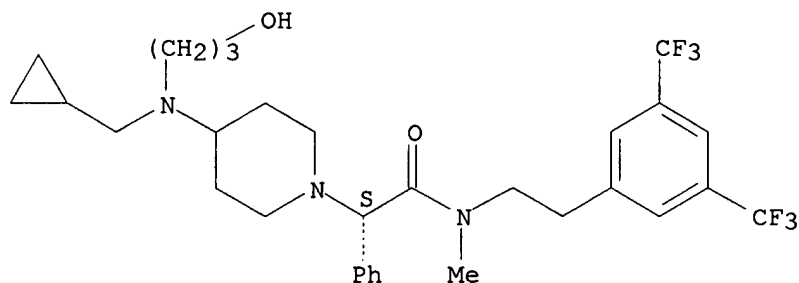
RN 415917-04-3 HCAPLUS
 CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 415917-07-6 HCAPLUS
 CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

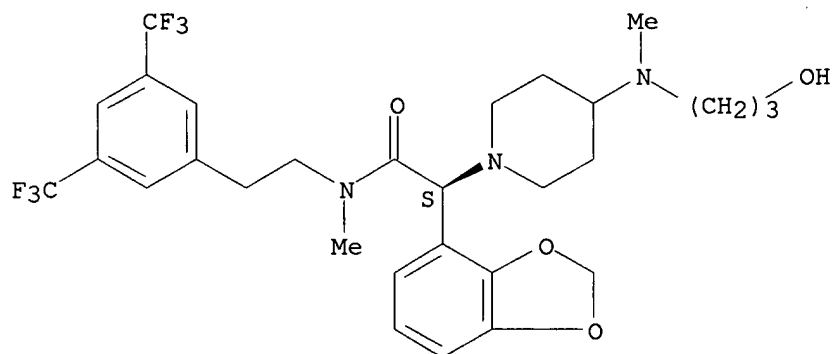
Absolute stereochemistry.



RN 415917-08-7 HCAPLUS

CN 1-Piperidineacetamide, .alpha.-1,3-benzodioxol-4-yl-N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

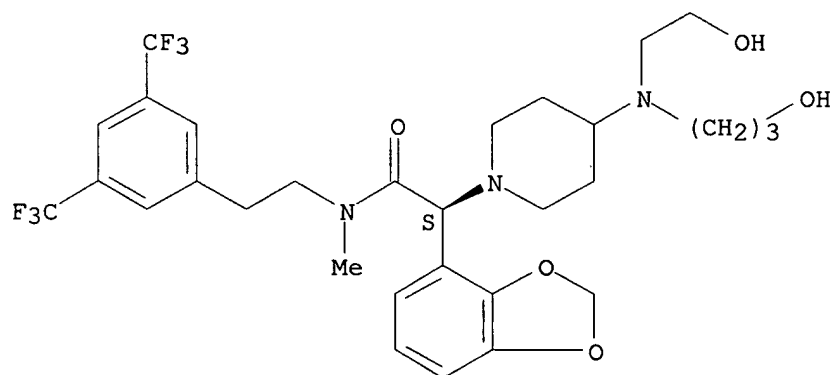
Absolute stereochemistry.



RN 415917-09-8 HCAPLUS

CN 1-Piperidineacetamide, .alpha.-1,3-benzodioxol-4-yl-N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 415917-11-2P 415917-12-3P

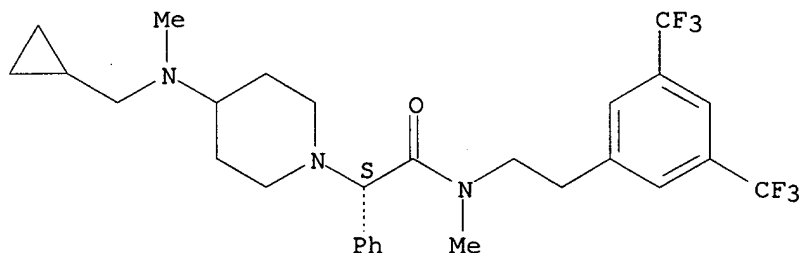
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 4-aminopiperidinylacetylides as neurokinin antagonists)

RN 415917-11-2 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

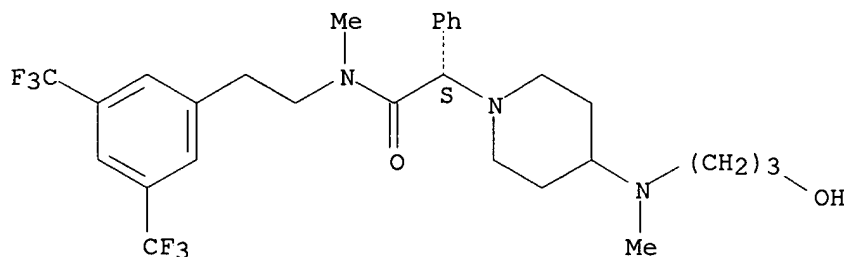
Absolute stereochemistry.



RN 415917-12-3 HCAPLUS

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:718222 HCAPLUS

DOCUMENT NUMBER: 126:8132

TITLE: Preparation of arylglycinamide derivatives as tachykinin antagonists.

INVENTOR(S): Schnorrenberg, Gerd; Dollinger, Horst; Esser, Franz; Briem, Hans; Jung, Birgit; Speck, Georg

PATENT ASSIGNEE(S): Boehringer Ingelheim Kg, Germany

SOURCE: Ger. Offen., 29 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

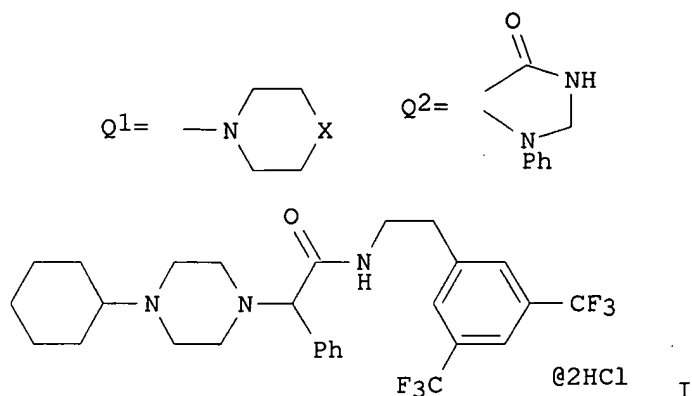
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19519245	A1	19961017	DE 1995-19519245	19950525

TW 449590	B	20010811	TW 1996-85104093	19960408
CA 2218096	AA	19961017	CA 1996-2218096	19960411
WO 9632386	A1	19961017	WO 1996-EP1548	19960411
W: AU, BG, BR, BY, CA, CN, CZ, EE, HU, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9656874	A1	19961030	AU 1996-56874	19960411
AU 706209	B2	19990610		
EP 824530	A1	19980225	EP 1996-914901	19960411
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1180352	A	19980429	CN 1996-193094	19960411
CN 1071329	B	20010919		
BR 9604821	A	19980609	BR 1996-4821	19960411
JP 11503441	T2	19990326	JP 1996-530714	19960411
NZ 307505	A	20000929	NZ 1996-307505	19960411
RU 2167866	C2	20010527	RU 1997-118779	19960411
SK 282158	B6	20011106	SK 1997-1387	19960411
EE 3872	B1	20021015	EE 1997-227	19960411
ZA 9602916	A	19961014	ZA 1996-2916	19960412
IL 117888	A1	20001121	IL 1996-117888	19960412
US 5710155	A	19980120	US 1996-688478	19960730
CN 1206715	A	19990203	CN 1997-117758	19970829
US 5861509	A	19990119	US 1997-947785	19971009
NO 9704734	A	19971013	NO 1997-4734	19971013
US 6124296	A	20000926	US 1997-930704	19971029
US 6121262	A	20000919	US 1999-228731	19990112
US 6251909	B1	20010626	US 2000-507581	20000218
US 6294556	B1	20010925	US 2000-511629	20000218
US 2001011093	A1	20010802	US 2001-752730	20010103
US 6303601	B2	20011016		
US 6413959	B1	20020702	US 2001-971358	20011005
US 2002086863	A1	20020704		
PRIORITY APPLN. INFO.:			DE 1995-19514112	A1 19950414
			DE 1995-19519245	A 19950525
			US 1995-473470	B1 19950607
			WO 1996-EP1548	W 19960411
			US 1996-688478	A1 19960730
			US 1997-947785	A1 19971009
			US 1997-930704	A3 19971029
			US 2000-507581	A3 20000218
			US 2001-752730	A3 20010103
OTHER SOURCE(S):			MARPAT 126:8132	
GI				



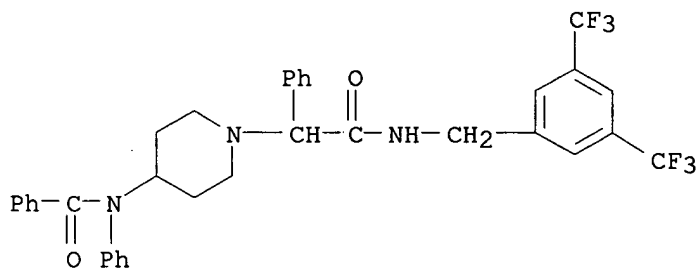
AB R1R2NCR3ArCONR4R5 [Ar = (substituted) Ph, naphthyl; R1R2N = Q1; X = O, N(CH2)nR6, CR7R8; n = 0-2; R6 = alkyl, (substituted) Ph, naphthyl; R7 = R8 = H when R3 = (substituted) Ph; R7 = morpholinyl, piperidinyl, pyrrolidinyl, 2-pyridinylamino, Ph, PhCONH, etc; R8 = H, CONH2, NHAc, NMeAc; R7R8 = Q2; R3 = H, alkyl, (substituted) Ph; R4 = (substituted) phenylalkyl, naphthylalkyl; R5 = H, alkyl, cycloalkyl, CH2OH], were prepd. Thus, title compd. (I) inhibited binding of 125I-labeled substance P to NK1 receptors with IC50 = 1.4 nM.

IT 183732-12-9P 183732-26-5P 183732-42-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arylglycinamides as tachykinin antagonists)

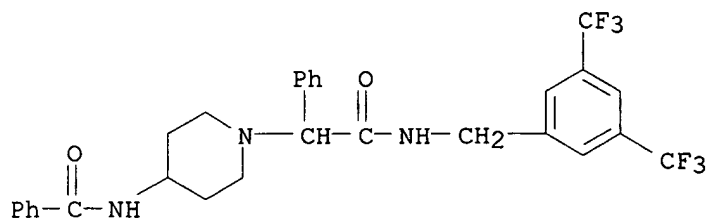
RN 183732-12-9 HCAPLUS

CN 1-Piperidineacetamide, 4-(benzoylphenylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl- (9CI) (CA INDEX NAME)

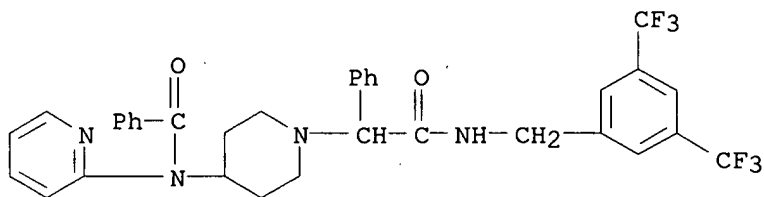


RN 183732-26-5 HCAPLUS

CN 1-Piperidineacetamide, 4-(benzoylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl- (9CI) (CA INDEX NAME)



RN 183732-42-5 HCAPLUS
 CN 1-Piperidineacetamide, 4-(benzoyl-2-pyridinylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

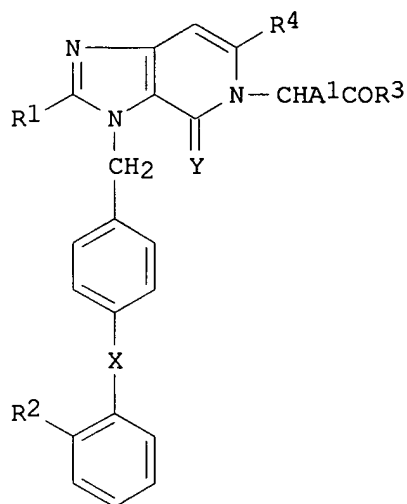


● HCl

L14 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995:896125 HCAPLUS
 DOCUMENT NUMBER: 123:313956
 TITLE: Preparation of imidazo[4,5-c]pyridine pharmaceuticals
 INVENTOR(S): Mederski, Werner; Dorsch, Dieter; Osswald, Mathias; Beier, Norbert; Schelling, Pierre; Minck, Klaus-Otto; Lues, Ingeborg
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
 SOURCE: Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4341453	A1	19950608	DE 1993-4341453	19931206
EP 657452	A1	19950614	EP 1994-118416	19941123
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
HU 72595	A2	19960528	HU 1994-3451	19941201
CA 2137213	AA	19950607	CA 1994-2137213	19941202
AU 9479190	A1	19950615	AU 1994-79190	19941202
NO 9404689	A	19950607	NO 1994-4689	19941205
ZA 9409664	A	19950815	ZA 1994-9664	19941205
CN 1109056	A	19950927	CN 1994-119893	19941205
US 5532276	A	19960702	US 1994-353309	19941205

JP 07196656 A2 19950801 JP 1994-302170 19941206
 PRIORITY APPLN. INFO.: DE 1993-4341453 19931206
 OTHER SOURCE(S): MARPAT 123:313956
 GI



I

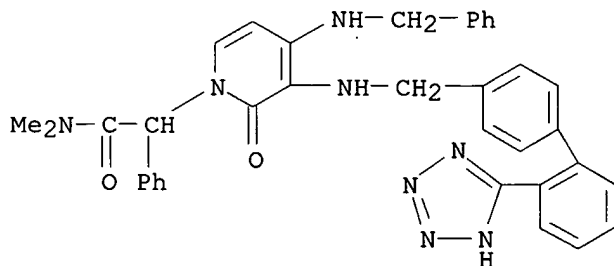
AB The title compds. [I; A1 = (un)substituted Ph, (un)substituted naphthyl, heterocyclyl, etc.; R1 = alkyl, alkenyl, alkynyl, etc.; R2 = H, (un)substituted CO2H, CN, NO2, 1H-5-tetrazolyl; R3 = (un)substituted NH2, cycloalkoxy, naphthyloxy, etc.; R4 = H, halogen; X = NHCO, CONH, CCH(CO2H), etc.; Y = O, S] [e.g., 2-butyl-3-(2'-carboxybiphenyl)-4-methyl-4,5-dihydro-4-oxo-5-(.alpha.-N,N-dimethylcarbamoylbenzyl)-3H-imidazo[4,5-c]pyridine], useful as pharmaceuticals (no data), are prepd. and I-contg. formulations presented.

IT 169754-68-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of imidazo[4,5-c]pyridine pharmaceuticals from)

RN 169754-68-1 HCAPLUS

CN 1(2H)-Pyridineacetamide, N,N-dimethyl-2-oxo-.alpha.-phenyl-4-[(phenylmethyl)amino]-3-[[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]- (9CI) (CA INDEX NAME)



=>
=>

=> fil caold

FILE 'CAOLD' ENTERED AT 10:57:14 ON 01 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=>
=>

=> s l13
L15 0 L13

=>
=>

=> fil reg

FILE 'REGISTRY' ENTERED AT 10:57:30 ON 01 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 MAR 2003 HIGHEST RN 501072-24-8
DICTIONARY FILE UPDATES: 31 MAR 2003 HIGHEST RN 501072-24-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

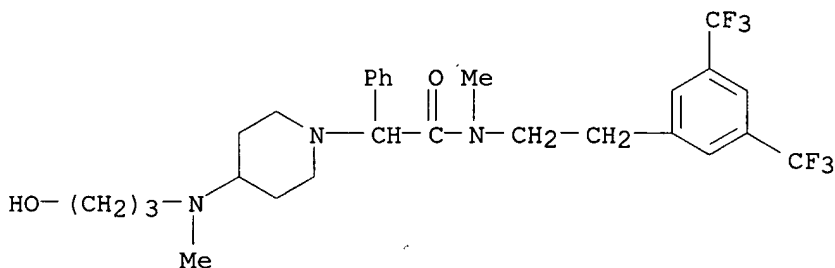
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
L13 ANSWER 1 OF 18  REGISTRY  COPYRIGHT 2003 ACS
RN 457911-01-2  REGISTRY
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-
hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, (2E)-2-butenedioate
(2:1) (salt) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H35 F6 N3 O2 . 1/2 C4 H4 O4
SR CA
LC STN Files:  CA, CAPLUS
```

CRN 415916-92-6
CMF C28 H35 F6 N3 O2



CRN 110-17-8
CMF C4 H4 O4

OC(=O)/C=C/C(=O)O

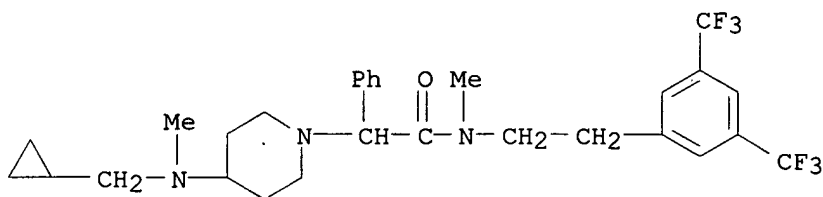
REFERENCE 1: 137:237717

Page 18

CM 1

CRN 415917-00-9

CMF C29 H35 F6 N3 O

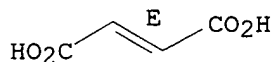


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:237717

L13 ANSWER 3 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 457910-81-5 REGISTRY

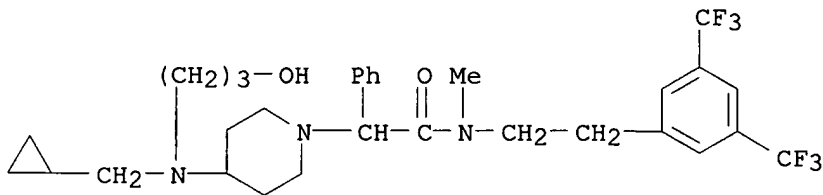
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-
[(cyclopropylmethyl) (3-hydroxypropyl) amino]-N-methyl-.alpha.-phenyl- (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C31 H39 F6 N3 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:346202

REFERENCE 2: 137:237717

L13 ANSWER 4 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 457910-79-1 REGISTRY

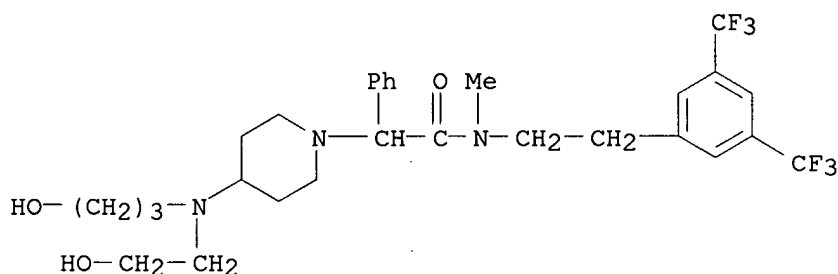
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C29 H37 F6 N3 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:346202

REFERENCE 2: 137:237717

L13 ANSWER 5 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415917-12-3 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

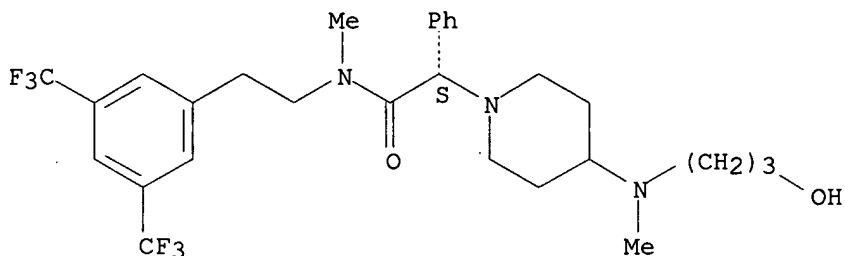
FS STEREOSEARCH

MF C28 H35 F6 N3 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



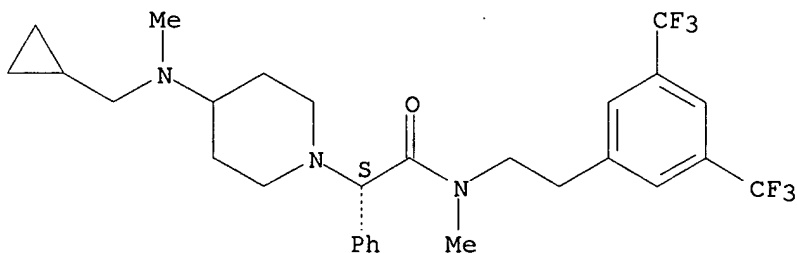
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 6 OF 18 REGISTRY COPYRIGHT 2003 ACS
RN 415917-11-2 REGISTRY
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl-, (.alpha.S)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H35 F6 N3 O
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

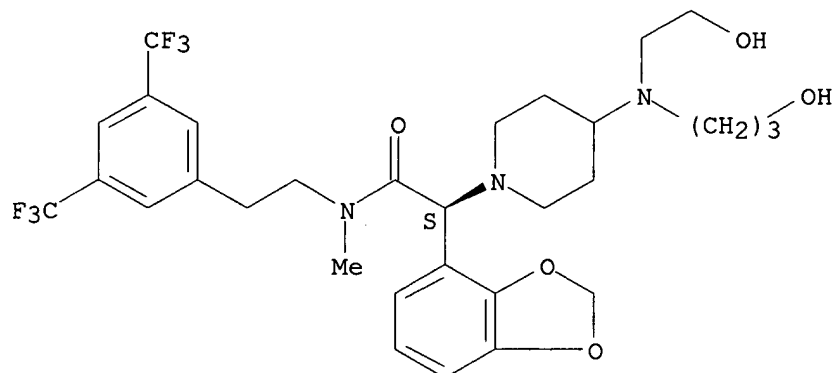
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 7 OF 18 REGISTRY COPYRIGHT 2003 ACS
RN 415917-09-8 REGISTRY
CN 1-Piperidineacetamide, .alpha.-1,3-benzodioxol-4-yl-N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-, (.alpha.S)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C30 H37 F6 N3 O5

SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



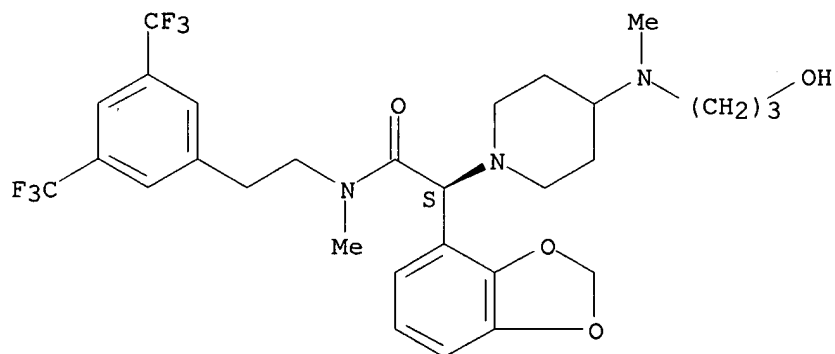
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 8 OF 18 REGISTRY COPYRIGHT 2003 ACS
RN 415917-08-7 REGISTRY
CN 1-Piperidineacetamide, .alpha.-1,3-benzodioxol-4-yl-N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-, (.alpha.S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H35 F6 N3 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 9 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415917-07-6 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

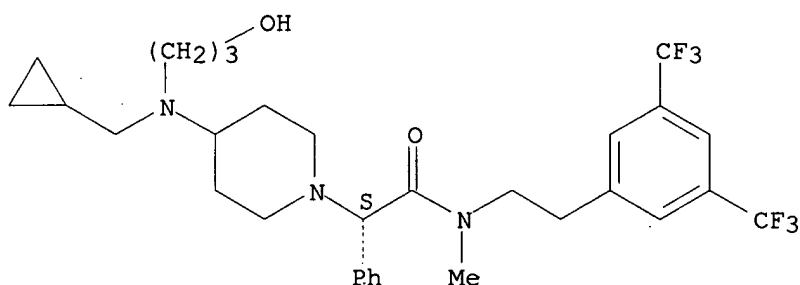
FS STEREOSEARCH

MF C31 H39 F6 N3 O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1962 TO DATE)

3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:346202

REFERENCE 2: 137:237717

REFERENCE 3: 136:340590

L13 ANSWER 10 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415917-04-3 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-hydroxyethyl)(3-hydroxypropyl)amino]-N-methyl-.alpha.-phenyl-, (.alpha.S)- (9CI) (CA INDEX NAME)

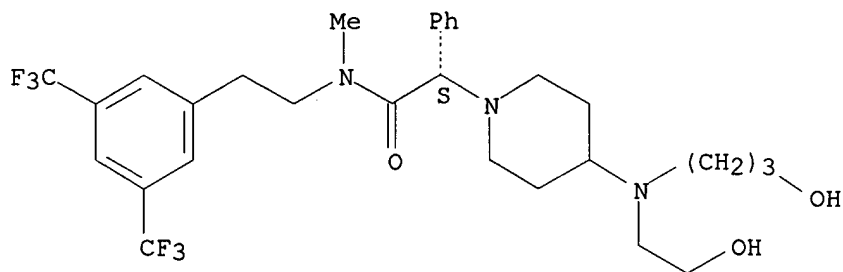
FS STEREOSEARCH

MF C29 H37 F6 N3 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

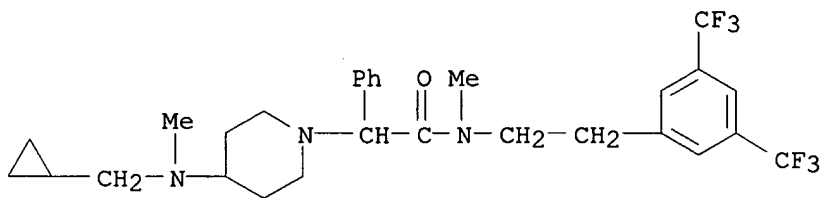
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 11 OF 18 REGISTRY COPYRIGHT 2003 ACS
RN 415917-01-0 REGISTRY
CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl-, compd. with (2E)-2-butene (2:3) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H35 F6 N3 O . 3/2 C4 H8
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

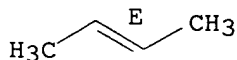
CRN 415917-00-9
CMF C29 H35 F6 N3 O



CM 2

CRN 624-64-6
CMF C4 H8

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 12 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415917-00-9 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(cyclopropylmethyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN BIIM 1310

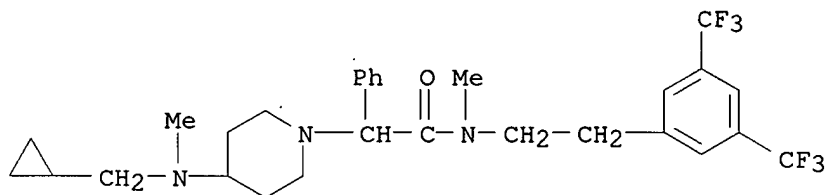
FS 3D CONCORD

MF C29 H35 F6 N3 O

CI COM

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:346202

REFERENCE 2: 137:237717

L13 ANSWER 13 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415916-93-7 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl-, compd. with (2E)-2-butene (2:3) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C28 H35 F6 N3 O2 . 3/2 C4 H8

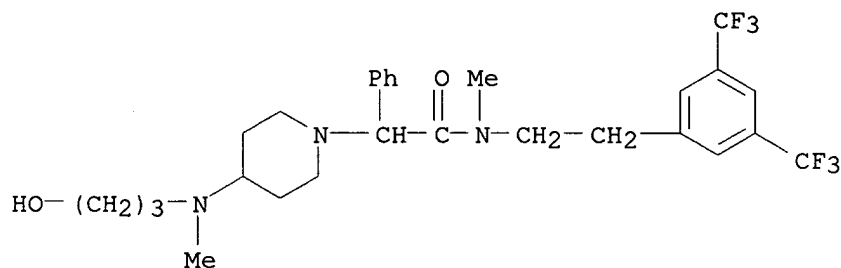
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 415916-92-6

CMF C28 H35 F6 N3 O2

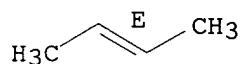


CM 2

CRN 624-64-6

CMF C4 H8

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340590

L13 ANSWER 14 OF 18 REGISTRY COPYRIGHT 2003 ACS

RN 415916-92-6 REGISTRY

CN 1-Piperidineacetamide, N-[2-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(3-hydroxypropyl)methylamino]-N-methyl-.alpha.-phenyl- (9CI) (CA INDEX NAME)

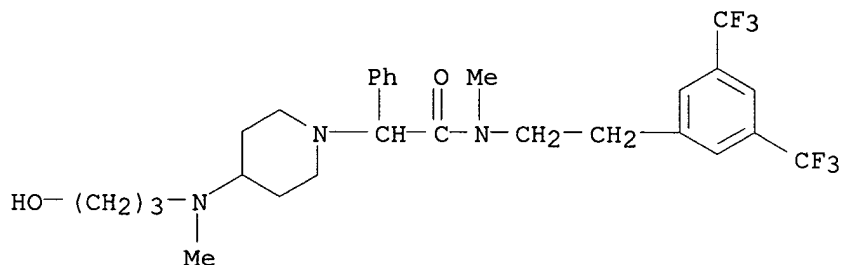
FS 3D CONCORD

MF C28 H35 F6 N3 O2

CI COM

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

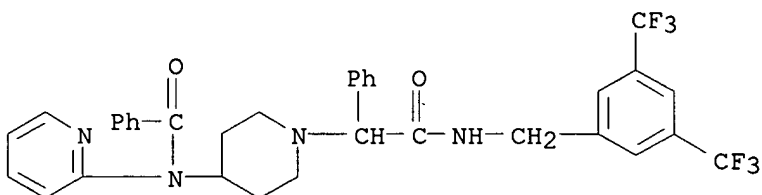
2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:346202

REFERENCE 2: 137:237717

L13 ANSWER 15 OF 18 REGISTRY COPYRIGHT 2003 ACS
 RN 183732-42-5 REGISTRY
 CN 1-Piperidineacetamide, 4-(benzoyl-2-pyridinylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)
 MF C34 H30 F6 N4 O2 . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

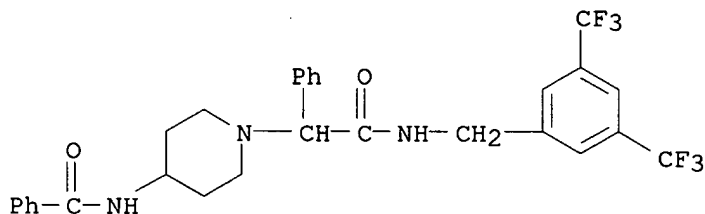


● HCl

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 126:8132

L13 ANSWER 16 OF 18 REGISTRY COPYRIGHT 2003 ACS
 RN 183732-26-5 REGISTRY
 CN 1-Piperidineacetamide, 4-(benzoylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H27 F6 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

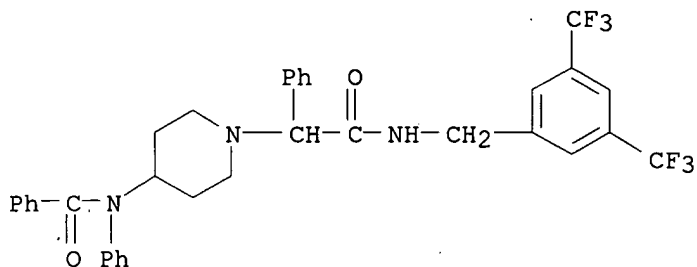


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 126:8132

L13 ANSWER 17 OF 18 REGISTRY COPYRIGHT 2003 ACS
 RN 183732-12-9 REGISTRY
 CN 1-Piperidineacetamide, 4-(benzoylphenylamino)-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-.alpha.-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C35 H31 F6 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

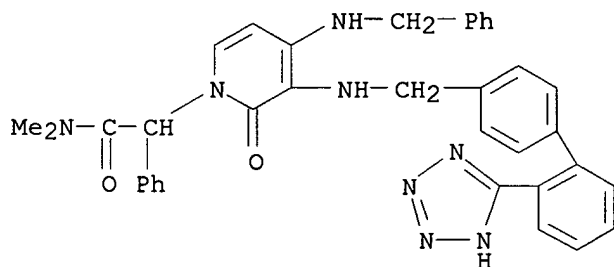


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 126:8132

L13 ANSWER 18 OF 18 REGISTRY COPYRIGHT 2003 ACS
 RN 169754-68-1 REGISTRY
 CN 1(2H)-Pyridineacetamide, N,N-dimethyl-2-oxo-.alpha.-phenyl-4-[(phenylmethyl)amino]-3-[[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]amino]- (9CI) (CA INDEX NAME)
 MF C36 H34 N8 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 123:313956

Wang 09_981025

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L1 and neurokinin	16

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L3

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** **Tuesday, April 01, 2003** [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set

DB=USPT; PLUR=YES; OP=AND

<u>L3</u>	L1 and neurokinin	16	<u>L3</u>
<u>L2</u>	L1 and phenylacet\$	101	<u>L2</u>
<u>L1</u>	((514/315)!.CCLS.)	663	<u>L1</u>

END OF SEARCH HISTORY